Fig 1

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        10         20         30         40         50         60
ATGAATCCAT TTCATGCATC TTGTTGGAAC ACCTCTGCCG AACTTTTAAA CAAATCCTGG
METAsnProP heHisAlaSe rCysTrpAsn ThrSerAlaG luLeuLeuAs nLysSerTrp

        70         80         90        100        110        120
AATAAAGAGT TTGCTTATCA AACTGCCAGT GTGGTAGATA CAGTCATCCT CCCTTCCATG
AsnLysGluP heAlaTyrGl nThrAlaSer ValValAspT hrValIleLe uProSerMET

       130        140        150        160        170        180
ATTGGGATTA TCTGTTCAAC AGGGCTGGTT GGCAACATCC TCATTGTATT CACTATAATA
IleGlyIleI leCysSerTh rGlyLeuVal GlyAsnIleL euIleValPh eThrIleIle

       190        200        210        220        230        240
AGATCCAGGA AAAAAACAGT CCCTGACATC TATATCTGCA ACCTGGCTGT GGCTGATTTG
ArgSerArgL ysLysThrVa lProAspIle TyrIleCysA snLeuAlaVa lAlaAspLeu

       250        260        270        280        290        300
GTCCACATAG TTGGAATGCC TTTTCTTATT CACCAATGGG CCCGAGGGGG AGAGTGGGTG
ValHisIleV alGlyMETPr oPheLeuIle HisGlnTrpA laArgGlyGl yGluTrpVal

       310        320        330        340        350        360
TTTGGGGGGC CTCTCTGCAC CATCATCACA TCCCTGGATA CTTGTAACCA ATTTGCCTGT
PheGlyGlyP roLeuCysTh rIleIleThr SerLeuAspT hrCysAsnGl nPheAlaCys

       370        380        390        400        410        420
AGTGCCATCA TGACTGTAAT GAGTGTGGAC AGGTACTTTG CCCTCGTCCA ACCATTTCGA
SerAlaIleM ETThrValME TSerValAsp ArgTyrPheA laLeuValGl nProPheArg

       430        440        450        460        470        480
CTGACACGTT GGAGAACAAG GTACAAGACC ATCCGGATCA ATTTGGGCCT TTGGGCAGCT
LeuThrArgT rpArgThrAr gTyrLysThr IleArgIleA snLeuGlyLe uTrpAlaAla

       490        500        510        520        530        540
TCCTTTATCC TGGCATTGCC TGTCTGGGTC TACTCGAAGG TCATCAAATT TAAAGACGGT
SerPheIleL euAlaLeuPr oValTrpVal TyrSerLysV alIleLysPh eLysAspGly
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Fig 2

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       550        560        570        580        590        600
GTTGAGAGTT GTGCTTTTGA TTTGACATCC CCTGACGATG TACTCTGGTA TACACTTTAT
ValGluSerC ysAlaPheAs pLeuThrSer ProAspAspV alLeuTrpTy rThrLeuTyr

       610        620        630        640        650        660
TTGACGATAA CAACTTTTTT TTTCCCTCTA CCCTTGATTT TGGTGTGCTA TATTTTAATT
LeuThrIleT hrThrPhePh ePheProLeu ProLeuIleL euValCysTy rIleLeuIle

       670        680        690        700        710        720
TTATGCTATA CTTGGGAGAT GTATCAACAG AATAAGGATG CCAGATGCTG CAATCCCAGT
LeuCysTyrT hrTrpGluME TTyrGlnGln AsnLysAspA laArgCysCy sAsnProSer

       730        740        750        760        770        780
GTACCAAAAC AGAGAGTGAT GAAGTTGACA AAGATGGTGC TGGTGCTGGT GGTAGTCTTT
ValProLysG lnArgValME TLysLeuThr LysMETValL euValLeuVa lValValPhe

       790        800        810        820        830        840
ATCCTGAGTG CTGCCCCTTA TCATGTGATA CAACTGGTGA ACTTACAGAT GGAACAGCCC
IleLeuSerA laAlaProTy rHisValIle GlnLeuValA snLeuGlnME TGluGlnPro

       850        860        870        880        890        900
ACACTGGCCT TCTATGTGGG TTATTACCTC TCCATCTGTC TCAGCTATGC CAGCAGCAGC
ThrLeuAlaP heTyrValGl yTyrTyrLeu SerIleCysL euSerTyrAl aSerSerSer

       910        920        930        940        950        960
ATTAACCCTT TTCTCTACAT CCTGCTGAGT GGAAATTTCC AGAAACGTCT GCCTCAAATC
IleAsnProP heLeuTyrIl eLeuLeuSer GlyAsnPheG lnLysArgLe uProGlnIle

       970        980        990       1000       1010       1020
CAAAGAAGAG CGACTGAGAA GGAAATCAAC AATATGGGAA ACACTCTGAA ATCACACTTT
GlnArgArgA laThrGluLy sGluIleAsn AsnMETGlyA snThrLeuLy sSerHisPhe

      1030
TAG
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Fig 3